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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/039,331	11/07/2001	William B. Noble	RTN-139PUS	1499

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DALY, CROWLEY & MOFFORD, LLP  
SUITE 101  
275 TURNPIKE STREET  
CANTON, MA 02021-2310

EXAMINER

TRAN, TAM D

ART UNIT	PAPER NUMBER
2676	4

DATE MAILED: 07/30/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 10/039,331	Applicant(s) NOBLE ET AL.
	Examiner Tam D. Tran	Art Unit 2676

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### **Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

1)  Responsive to communication(s) filed on 07 November 2001 .

2a)  This action is **FINAL**.                    2b)  This action is non-final.

3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

4)  Claim(s) 1-21 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5)  Claim(s) \_\_\_\_\_ is/are allowed.

6)  Claim(s) 1-21 is/are rejected.

7)  Claim(s) \_\_\_\_\_ is/are objected to.

8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

9)  The specification is objected to by the Examiner.

10)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)  The proposed drawing correction filed on \_\_\_\_\_ is: a)  approved b)  disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12)  The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

13)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)  All b)  Some \* c)  None of:

1.  Certified copies of the priority documents have been received.
2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

14)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a)  The translation of the foreign language provisional application has been received.

15)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

1)  Notice of References Cited (PTO-892)      4)  Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_ .  
2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)      5)  Notice of Informal Patent Application (PTO-152)  
3)  Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2 .      6)  Other: \_\_\_\_\_ .

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-21 are rejected under 35 U.S.C. 102(b) as being anticipated by Johnson et al. (USPN 5553209), hereinafter simply Johnson.

2. In regard to claims 1, 17, Johnson teaches a symbol expansion method and apparatus comprising: selecting a map portion containing one or more map display symbols on a computer map display; see col.2 lines 1-5; and presenting a symbol expansion display related to the map portion on the computer map display, see col.3 lines 5-12.

3. In regard to claim 2, Johnson teaches a symbol expansion method and apparatus, wherein the selecting comprises: pointing to a map display symbol with computer pointing device. See col.3 lines 14-20.

4. In regard to claim 3, Johnson teaches a symbol expansion method and apparatus, wherein the selecting comprises: selecting a map portion of the computer map display containing the one or more map display symbols with the computer pointing device. See col.3 lines 5-20.

5. In regard to claim 4, Johnson teaches a symbol expansion method and apparatus, wherein the presenting comprises: relating the one or more map display symbols to one or more map symbol records retained in a computer memory, each containing record components; selecting

one or more record components from among the one or more map symbol records; and formatting the one or more record components for the symbol expansion display. See col.4 lines 58-65.

6. In regard to claims 5, 21, Johnson teaches a symbol expansion method and apparatus, wherein the selecting one or more record components comprises: selecting record graphics components of the one or more map symbol records. See col.3 lines 14-25.

7. In regard to claim 6, Johnson teaches a symbol expansion method and apparatus, wherein the selecting one or more record components comprises: selecting record data of the one or more map symbol records. See col.3 lines 14-25.

8. In regard to claim 7, Johnson teaches a symbol expansion method and apparatus, wherein the selecting record data comprises: filtering the record data of the one or more map symbol records to provide symbol expansion data corresponding to a selected record data type. See col.3 lines 25-35.

9. In regard to claim 8, Johnson teaches a symbol expansion method and apparatus, wherein filtering the record data comprises: selecting a record data type selected from the group consisting of a dollar asset range record data type, a friendliness range record data type, a personnel size record data type, a security classification record data type, a type of service record data type, and an age of symbol record data type. See col.8 lines 60-67.

10. In regard to claim 9, Johnson teaches a symbol expansion method and apparatus, wherein the selecting record data comprises: filtering the record data of the one or more map symbol records to provide symbol expansion data corresponding to a selected record data range. See col.3 lines 25-35.

11. In regard to claim 10, Johnson teaches a symbol expansion method and apparatus, wherein the selecting record data comprises: algorithmically combining map symbol records to provide symbol expansion data. See col.3 lines 25-35.
12. In regard to claims 11, 19 Johnson teaches a symbol expansion method and apparatus, wherein formatting comprises: providing a list of the symbol expansion graphics, movable by the user on the computer maps display, and associated with the record graphics components of the one or more map symbol records. See col.1 lines 15-22.
13. In regard to claims 12, 20, Johnson teaches a symbol expansion method and apparatus, wherein formatting further comprises: providing a list of the symbol expansion data, movable by the user on the computer maps display, and associated with the record data components of the one or more map symbol records. See col.2 lines 60-67.
14. In regard to claim 13, Johnson teaches a symbol expansion method and apparatus, wherein providing a list of symbol expansion data comprises: providing a user selectable language for the list of symbol expansion data. See col.8 lines 60-67.
15. In regard to claim 14, Johnson teaches a symbol expansion method and apparatus, wherein formatting further comprises: providing a lead line from the map display symbol to the symbol expansion display where the lead line moves in accordance with the position of the symbol expansion display. See col.3 lines 5-13.
16. In regard to claim 15, Johnson teaches a symbol expansion method and apparatus, wherein formatting further comprises: color coding a symbol expansion graphic to indicate an attribute of the object represented by the map display symbol. See col.1 lines 15-22

17. In regard to claim 16, Johnson teaches a symbol expansion method and apparatus, wherein formatting further comprises: augmenting the symbol expansion display with special identifying characters that indicate when symbol information components have been omitted from the symbol expansion display. See col.7 lines 60-67.

18. In regard claim 18, Johnson teaches a symbol expansion method and apparatus, wherein the for presentation processor comprises: a computer memory having one or more map symbol records stored therein; a relation processor which relates the one or more map display symbols to one or more map symbol records retained in the computer memory; a selector for selecting one or more record components from among the one or more map symbol records; and a display processor which receives and formats each of the one or more record selected components for the symbol expansion display. see col.7 lines 39-58.

### *Conclusion*

19. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Tam D. Tran** whose telephone number is **703-305-4196**. The examiner can normally be reached on MON-FRI from 8:30 – 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Matthew Bella** can be reached on **703-308-6829**.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**or faxed to:**

**(703) 872-9314 (for Technology Center 2600 only)**

Hand-delivered response should be brought to Crystal Park II, 2121 Crystal Drive,  
Arlington, VA, Sixth floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding  
should be directed to the Technology Center 2600 Customer Service Office whose  
telephone number is (703) 306-0377.

Tam Tran

*TT*  
Examiner

Art unit 2676

*Matthew C. Bella*

MATTHEW C. BELLA  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600